

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing.)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 24]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Declaration & Power of Attorney [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

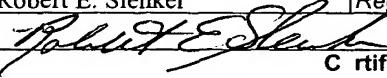
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

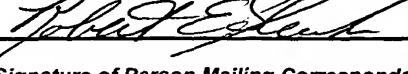
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/>	Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or	<input checked="" type="checkbox"/>	Correspondence address below	
Name	John S. Beulick							
	Armstrong Teasdale LLP							
Address	One Metropolitan Square, Suite 2600							
City	St. Louis	State	MO	Zip Code	63102			
Country	US	Telephone	314.621.5070	Fax	314.621.5065			
Name (Print/Type)	Robert E. Slenker						Registration No. (Attorney/Agent)	45,112
Signature							Date	September 16, 2003

Certificate of Express Mail

I certify that the documents listed on this form are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Robert E. Slenker		September 16, 2003
(Printed Name of Person Mailing Correspondence)	(Signature of Person Mailing Correspondence)	Date

U.S. PTO
10/663001
03970

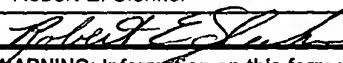
09/16/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

50/91/60

FEE TRANSMITTAL for FY 2003		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	Alex DOGONOS
		Examiner Name	
		Art Unit	
		Attorney Docket No.	18894-17
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT		(\$) 804.00	

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																					
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 01-2384 Deposit Account Name:				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Fee Code (\$)</td><td>Fee Code (\$)</td><td>Fee Description</td><td>Fee Paid</td></tr> <tr><td>1051 130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052 50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812 2,520</td><td>1812 2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804 920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805 1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252 410</td><td>2252 205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253 930</td><td>2253 465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254 1,450</td><td>2254 725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255 1,970</td><td>2255 985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401 320</td><td>2401 160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402 320</td><td>2402 160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403 280</td><td>2403 140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451 1,510</td><td>1451 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452 110</td><td>2452 55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453 1,300</td><td>2453 650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501 1,300</td><td>2501 650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502 470</td><td>2502 235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503 630</td><td>2503 315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460 130</td><td>1460 130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807 50</td><td>1807 50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806 180</td><td>1806 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021 40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809 750</td><td>2809 375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810 750</td><td>2810 375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801 750</td><td>2801 375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802 900</td><td>1802 900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	1051 130	2051 65	Surcharge - late filing fee or oath		1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet		1053 130	1053 130	Non-English specification		1812 2,520	1812 2,520	For filing a request for ex parte reexamination		1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action		1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action		1251 110	2251 55	Extension for reply within first month		1252 410	2252 205	Extension for reply within second month		1253 930	2253 465	Extension for reply within third month		1254 1,450	2254 725	Extension for reply within fourth month		1255 1,970	2255 985	Extension for reply within fifth month		1401 320	2401 160	Notice of Appeal		1402 320	2402 160	Filing a brief in support of an appeal		1403 280	2403 140	Request for oral hearing		1451 1,510	1451 1,510	Petition to institute a public use proceeding		1452 110	2452 55	Petition to revive - unavoidable		1453 1,300	2453 650	Petition to revive - unintentional		1501 1,300	2501 650	Utility issue fee (or reissue)		1502 470	2502 235	Design issue fee		1503 630	2503 315	Plant issue fee		1460 130	1460 130	Petitions to the Commissioner		1807 50	1807 50	Processing fee under 37 CFR 1.17(q)		1806 180	1806 180	Submission of Information Disclosure Stmt		8021 40	8021 40	Recording each patent assignment per property (times number of properties)		1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))		1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))		1801 750	2801 375	Request for Continued Examination (RCE)		1802 900	1802 900	Request for expedited examination of a design application		Other fee (specify) _____				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																						
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																						
1051 130	2051 65	Surcharge - late filing fee or oath																																																																																																																																							
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																							
1053 130	1053 130	Non-English specification																																																																																																																																							
1812 2,520	1812 2,520	For filing a request for ex parte reexamination																																																																																																																																							
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																							
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																							
1251 110	2251 55	Extension for reply within first month																																																																																																																																							
1252 410	2252 205	Extension for reply within second month																																																																																																																																							
1253 930	2253 465	Extension for reply within third month																																																																																																																																							
1254 1,450	2254 725	Extension for reply within fourth month																																																																																																																																							
1255 1,970	2255 985	Extension for reply within fifth month																																																																																																																																							
1401 320	2401 160	Notice of Appeal																																																																																																																																							
1402 320	2402 160	Filing a brief in support of an appeal																																																																																																																																							
1403 280	2403 140	Request for oral hearing																																																																																																																																							
1451 1,510	1451 1,510	Petition to institute a public use proceeding																																																																																																																																							
1452 110	2452 55	Petition to revive - unavoidable																																																																																																																																							
1453 1,300	2453 650	Petition to revive - unintentional																																																																																																																																							
1501 1,300	2501 650	Utility issue fee (or reissue)																																																																																																																																							
1502 470	2502 235	Design issue fee																																																																																																																																							
1503 630	2503 315	Plant issue fee																																																																																																																																							
1460 130	1460 130	Petitions to the Commissioner																																																																																																																																							
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)																																																																																																																																							
1806 180	1806 180	Submission of Information Disclosure Stmt																																																																																																																																							
8021 40	8021 40	Recording each patent assignment per property (times number of properties)																																																																																																																																							
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																							
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																							
1801 750	2801 375	Request for Continued Examination (RCE)																																																																																																																																							
1802 900	1802 900	Request for expedited examination of a design application																																																																																																																																							
Other fee (specify) _____																																																																																																																																									
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)																																																																																																																																					
**or number previously paid, if greater; For Reissues, see above				SUBTOTAL (2) (\$ 54.00)																																																																																																																																					

SUBMITTED BY				(Complete if applicable)	
Name (Print/Type)	Robert E. Slenker		Registration No. (Attorney/Agent)	45,112	Telephone 314.621.5070
Signature			Date	September 16, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.